

Remarks

Specification:

The drawings were objected to because they include reference numeral 108, not mentioned in the description. In response, reference numeral 108 has been removed from the drawings. New drawings have been enclosed with this response.

The abstract of the disclosure was objected to because it refers to purported merits of the invention. In order to overcome this objection, please amend the abstract of the disclosure as follows:

A method and apparatus for receiving and processing a DS-CDMA signal in accordance with a two-stage process. The first stage comprises signal detection and employs a correlation between the sampled incoming waveform and a pseudo-noise code sequence. This stage is performed in real-time. Once a signal has been detected, a burst of the sampled incoming waveform is collected and then post-processed to recover the incoming information. ~~The method may be implemented at low cost on a general-purpose digital signal processor. The invention is especially suitable for DS-CDMA location systems, where low cost and low power consumption are desirable.~~

Claim Objections:

Claims 1 and 7 were objected to because the Examiner believes the word "of" is missing from the end of line 11 (claim 1) and from the statement "into a second sequence data samples" (claim 7). These claims have been amended accordingly.

Allowed Claims:

Claim 9 was objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. In response, the Applicants have amended claim 1 to include those limitations originally found in claim 9. Because of this, claim 1 is allowable over the prior art of record.

All other claims were either allowed or now depend from an allowable base claim.

No amendment made was related to the statutory requirements of patentability unless expressly stated herein; and no amendment made was for the purpose of narrowing the scope of any claim, unless Applicant has argued herein that such amendment was made to distinguish over a particular reference or combination of references. As the Applicant has overcome all substantive rejections given by the Examiner the Applicant contends that this Amendment, with the above discussion, overcomes the Examiner's rejections to the pending claims. Therefore, the Applicant respectfully requests allowance of the application. If the Examiner is of the opinion that any issues regarding the status of the claims remain after this response, the Examiner is invited to contact the undersigned representative to expedite resolution of the matter. Finally, please charge any fees (including extension of time fees) or credit overpayment to Deposit Account No. 502117.

Respectfully Submitted,
Shi, ET AL.

by: _____



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